

Title (en)

Method and device for processing a digital signal

Title (de)

Verfahren und Gerät zur Verarbeitung von digitalen Signalen

Title (fr)

Méthode et appareil de traitement de signal numérique

Publication

EP 1263236 A2 20021204 (EN)

Application

EP 02291286 A 20020527

Priority

- FR 0106933 A 20010528
- FR 0113922 A 20011026
- FR 0112064 A 20010918

Abstract (en)

The invention relates to a method of processing a digital signal comprising samples (a1, a2, ..., a9) each represented by a coordinate on each axis of a coordinate system with n dimensions, where n is the dimension of said digital signal, characterized in that it comprises the following steps: determining among the coordinates of said samples the extreme coordinates (L, R, B, T) on each coordinate axis (x and y) of the coordinate system, for all the possible combinations between said samples taken in pairs, determining a minimum distance among all the distances calculated along each axis between, on the one hand, the coordinate of a first sample, and, on the other hand, the coordinate of each of the elements of the group comprising a second sample and copies of this second sample obtained by translation of said second sample in different directions and according to a value which depends on the extreme coordinates already determined. <IMAGE>

IPC 1-7

H04N 7/26

IPC 8 full level

G06T 9/20 (2006.01); **G06T 9/00** (2006.01); **H03M 7/36** (2006.01); **H03M 7/40** (2006.01); **H04N 1/41** (2006.01); **H04N 7/26** (2006.01)

CPC (source: EP US)

H04N 19/63 (2014.11 - EP US); **H04N 19/124** (2014.11 - EP US)

Cited by

EP3079081A1; FR2862449A1; US7460722B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1263236 A2 20021204; JP 2003115766 A 20030418; US 2003063804 A1 20030403

DOCDB simple family (application)

EP 02291286 A 20020527; JP 2002154594 A 20020528; US 15522702 A 20020528